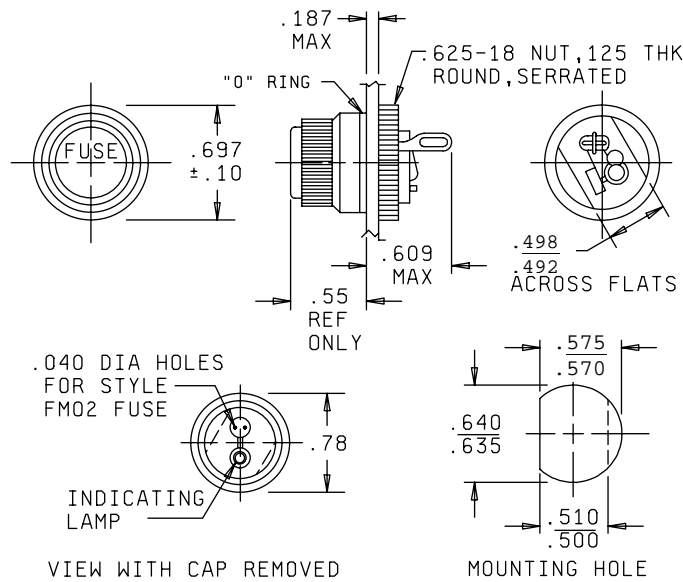


PERFORMANCE SPECIFICATION SHEET
FUSEHOLDERS, EXTRACTOR POST TYPE, BLOWN FUSE INDICATING,
TYPE FHN44G

This specification is approved for use by all Departments and Agencies
of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and
MIL-PRF-19207.



11/15/2001 31 October 1997

Inches	mm	Inches	mm	Inches	mm	Inches	mm
.040	1.02	.498	12.65	.575	14.61	.697	17.70
.100	2.54	.500	12.70	.609	15.47	.780	19.81
.125	3.18	.510	12.95	.625	15.88		
.187	4.75	.550	13.97	.635	16.13		
.492	12.50	.570	14.48	.640	16.26		

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are ± 0.02 (0.5 mm) for two-place decimals and ± 0.005 (0.13 mm) for three-place decimals.
3. Metric equivalents (to the nearest .01 mm) are given for general information only.

FIGURE 1. Type FHL44G fuseholder.

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Cap and body molding material: Cap and body molding materials shall be selected to enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on cap and body molding material are specified in the notes.

Fuse accommodation:

Miniature plug type: MIL-PRF-23419, FM02. Fuse is not captive in cap at removal.
(or equivalent size and style)

Poles: One.

Rating: 5 amperes (see table I for voltage).

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Incandescent lamp 1762X or 1764 with amber color cap.

Lamp series resistor: See table I.

Terminals: Solder lug type.

Enclosure: Dripproof.

Gaskets: Gaskets shall be used that enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on gaskets are specified in the notes.

Test fuses: FM02A125V5A of MIL-PRF-23419.

Marking: In addition to other required marking, a dash number shall follow the type designation and shall be associated with the voltage rating in accordance with table I.

Mechanical shock: Method I of MIL-PRF-19207.

Thermal shock: Method 107, test condition B, MIL-STD-202.

Endurance: 500 insertions and removals of cap and fuse.

Torque:

Cap: 4 pounds-inch.

Mounting: 10 pounds-inch.

Salt spray (corrosion): Test condition B.

TABLE I. Voltage and resistance.

Dash number	Voltage	Resistance ohms	Resistor style	Resistor specification
1	12-22	Shorting wire in place of resistor	---	---
2	23-33	330	RLR-20	MIL-PRF -39017/2
3	34-45	680	RWR-89	MIL-PRF-39007/11
4	46-60	1,200	RWR-89	MIL-PRF-39007/11
5	61-80	1,800	RWR-89	MIL-PRF-39007/11
6	81-90	2,000	RWR-89	MIL-PRF-39007/11

NOTES:

Cap and body molding material: It is recommended that types MAI-60, GDI-30F or SDG-F of American Society for Testing and Materials (ASTM) D5948 be considered for meeting the body molding material requirements of this specification. ASTM-D3935 is also suggested as guidance for cap material.

Gaskets: It is recommended that class 3 silicone rubber of A-A-59588 (Rubber, Silicone), be considered for use in meeting the gasket material requirements of this specification.

Custodians:

Army - CR
Navy - SH
Air Force - 11

Preparing activity:

DLA - CC

(Project 5920-0732-07)

Review activities:

Army - AT, CR4, MI
Navy - AS, EC, MC, OS
Air Force - 19, 99